

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2010 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

***Sacramento River Basin***

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<b>NA0005</b>	Overall LMA Rating	Total LMA Miles				
<b>City of Sacramento</b>	<b>A</b>	<b>3.63</b>				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Encroachments	0.02		0.02	0.55%	0.80	
USACE Erosion Survey	0.07		0.07	1.93%		
<i>LMA Totals:</i>	0.09	0.00	0.09	2.48%	0.80	0.00



**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Fall 2010 Levee Inspection Results**

**City of Sacramento**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments




**Flood Control Project Maintenance  
Levee Inspections  
Unit Cover Sheet  
Fall 2010 Levee Inspection Results  
City of Sacramento**

Waterway			Bank	Unit Miles
Unit No. 01 City of Sacramento			Left	3.63

  

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>A</b>	
Date of Inspection	3/16/2010		10/12/2010	
DWR Inspector	John Williamson		John Williamson	
Accompanied By	Jeff Heard City of Sacramento		Doug Henery City of Sacramento Jeff Chase City of Sacramento	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

**Comments**

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports  
3310 El Camino Avenue, Room LL-30  
Sacramento, CA 95821-9000

**X**

Signature of LMA Representative

Date



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**City of Sacramento**

Waterway							Bank	Unit Miles	Inspection Start/End		Inspector
Unit No. 01 City of Sacramento							Left	3.63	11/04/2010 11/04/2010		John Williamson
LMR No	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.	
	Start	End						Start	End	Photo	
1	0.14	0.14	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: state recorder can( DWR) fenced area	38.588715 ° -121.504885 °	38.588715 ° -121.504885 °	1 Y	
2	0.16	0.16	Earthen Levee	Encroachments	WS	PO	Buildings Inspector Comments: historical building	38.588425 ° -121.504860 °	38.588425 ° -121.504860 °	2 Y	
3	0.37	0.73	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: This is Old Sacramento a flood wall is in place. This part is a walking inspection.	38.585525 ° -121.505338 °	38.580445 ° -121.506966 °	14 Y	
4	0.78	0.78	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: Embassy Suites	38.579712 ° -121.507347 °	38.579712 ° -121.507347 °	4 Y	
5	0.78	1.17	Earthen Levee	Encroachments	CR	PO	Landscaping Inspector Comments: River walk along the water front	38.579705 ° -121.507360 °	38.574710 ° -121.510208 °	5 Y	
6	1.33	1.40	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: 2009: no berm, 2:1 slope, holes, sands and silts, 4.81 ft/s [2009 SiteID:SAC_58-4_L]	38.573133 ° -121.512278 °	38.572342 ° -121.513175 °	15 Y	
7	1.38	1.38	Earthen Levee	Encroachments	CR	M	Equipment Inspector Comments: the two box cars replace the sheds.	38.572320 ° -121.512668 °	38.572320 ° -121.512668 °	3 Y	
8	1.46	1.46	Earthen Levee	Encroachments	CR	M	Equipment Inspector Comments: The trains have been move upstream to this new location.	38.571477 ° -121.513744 °	38.571477 ° -121.513744 °	9 Y	
9	1.52	1.52	Earthen Levee	Encroachments	CR	PO	Buildings Inspector Comments: Storage sheds have been removed and two box cars have replaced them.	38.572267 ° -121.512312 °	38.572267 ° -121.512312 °	11 Y	
10	1.54	1.54	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: This area is a concern due to work the COE did at Pioneer Reservoir with a stability berm and monitoring wells on the land side. This is due to the levee seepage. The concern is that the weight of the train cars may cause problems. Total eight cars.	38.571495 ° -121.513615 °	38.571495 ° -121.513615 °	12 Y	
11	1.73	1.96	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: Levee is oversize with railroad tracks and paved parking this area is Miller Park	38.568172 ° -121.516042 °	38.564882 ° -121.516265 °	6 Y	
12	1.96	2.34	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: Railroad tracks run on crown of levee, paved roadway runs along toe on waterside this is Miller Park Marina area.	38.564900 ° -121.516253 °	38.559460 ° -121.515085 °	7 Y	
13	2.45	2.45	Earthen Levee	Vegetation	LS	W	Elderberries are blocking visibility and flood fight capability.	38.557937 ° -121.514237 °	38.557937 ° -121.514237 °	8 Y	
14	2.90	2.90	Earthen Levee	Encroachments	CR	PO	Buildings	38.551810 ° -121.511838 °	38.551810 ° -121.511838 °	10 Y	

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected/Rated  
C : Corrected  
W : Watch/Monitor



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2010**

**City of Sacramento**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 City of Sacramento	Left	3.63	11/04/2010 11/04/2010	John Williamson

LMR No.	Levee Mile		Category	Item	* Location	** Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
15	3.29	3.29	Earthen Levee	Encroachments	CR	W	Equipment Inspector Comments: Flat cars and railroad tracks on crown.	38.546165 ° -121.510165 °	38.546165 ° -121.510165 °	16 Y

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Unit No. 01 City of Sacramento	Left	3.63	11/04/2010 11/04/2010	John Williamson

Levee Mile Report Line	1
Start Levee Mile	0.14
End Levee Mile	0.14
Location	Water Side
Category	Earthen Levee
Item	Encroachments

I Street recorder can

johngw\_f\_20101012\_047.jpg



Levee Mile Report Line	2
Start Levee Mile	0.16
End Levee Mile	0.16
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Historical Building with foundations and Ramps on upstream and downstream sides

johngw\_f\_20101012\_049.jpg



Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	Earthen Levee
Item	Encroachments

Photo looking downstream from the Delta King of Old Sacramento.

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Levee Mile Report Line	3
Start Levee Mile	0.37
End Levee Mile	0.73
Location	Crown
Category	Earthen Levee
Item	Encroachments

A look at Joe's Crab Shack on the levee in Old Sacramento.

johngw\_f\_20101108\_308.jpg



Levee Mile Report Line	4
Start Levee Mile	0.78
End Levee Mile	0.78
Location	Crown
Category	Earthen Levee
Item	Encroachments

Embassy Suites

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Levee Mile Report Line	5
Start Levee Mile	0.78
End Levee Mile	1.17
Location	Crown
Category	Earthen Levee
Item	Encroachments

River walk crown with landscaping

johngw\_f\_20101012\_051.jpg



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Levee Mile Report Line	6
Start Levee Mile	1.33
End Levee Mile	1.40
Location	Water Side
Category	Supplemental
Item	USACE Erosion Survey
2009: no berm, 2:1 slope, holes, sands and silts, 4.81 ft/s [2009 SiteID:SAC_58-4_L]	
johngw_f_20101012_057.JPG	



Levee Mile Report Line	8
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Crown
Category	Earthen Levee
Item	Encroachments
The equipment sheds have been removed and two box cars have been put in their place.	
johngw_f_20101108_310.jpg	



Levee Mile Report Line	8
Start Levee Mile	1.46
End Levee Mile	1.46
Location	Crown
Category	Earthen Levee
Item	Encroachments
The trains that were at 1.54 have been pulled upstream to this location. The CVFPB has asked that they be removed from the levee.	
johngw_f_20101108_311.jpg	



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Unit No. 01 City of Sacramento	Left	3.63	11/04/2010 11/04/2010	John Williamson

Levee Mile Report Line	9
Start Levee Mile	1.52
End Levee Mile	1.52
Location	Crown
Category	Earthen Levee
Item	Encroachments
Storage bins on tracks placed by Railroad Museum	
johngw_f_20101012_055.jpg	



Levee Mile Report Line	10
Start Levee Mile	1.54
End Levee Mile	1.54
Location	Crown
Category	Earthen Levee
Item	Encroachments
Picture of most of the train cars City of Sacramento is concerned about the weight of the cars on the levee This area has a seepage problem	
johngw_f_20101012_056.jpg	



Levee Mile Report Line	11
Start Levee Mile	1.73
End Levee Mile	1.96
Location	Crown
Category	Earthen Levee
Item	Encroachments
Miller Park at Broadway railroad track and parking area on levee	
johngw_f_20101012_052.jpg	



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Levee Mile Report Line	12
Start Levee Mile	1.96
End Levee Mile	2.34
Location	Crown
Category	Earthen Levee
Item	Encroachments

Railroad tracks on levee crown street to boat ramp

johngw\_f\_20101012\_053.jpg



Levee Mile Report Line	14
Start Levee Mile	2.90
End Levee Mile	2.90
Location	Crown
Category	Earthen Levee
Item	Encroachments

pump station city of Sacramento crown of levee  
waterside

johngw\_f\_20101012\_054.jpg



Levee Mile Report Line	15
Start Levee Mile	3.29
End Levee Mile	3.29
Location	Crown
Category	Earthen Levee
Item	Encroachments

Flat cars have been left on a third track at the  
switching area before I-5 crossing.

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